

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A dielectric filter comprising:
a dielectric block having at least one resonance electrode;
a ground electrode on the dielectric block;
input and output terminal electrodes to connect the dielectric filter to external circuits;
a separated electrode provided on an outer face of the dielectric block, not connected to the input and output terminals or the ground electrode, the separated electrode being connected to the at least one resonance electrode via a capacitance; and
a voltage controlled reactance element and a circuit element for controlling the reactance element electrically connected between the separate electrode and the ground electrode,
wherein a center frequency of a passband of the dielectric filter is variable as a result of varying a resonant frequency based on the at least one resonance electrode by varying the capacitance connected to the at least one resonance electrode according to a voltage applied to the voltage controlled reactance element.
2. (Previously Presented) The dielectric filter according to claim 1, wherein either a step or a cavity is provided on the dielectric block; and the separated electrode, the voltage controlled reactance element and the circuit element for controlling the reactance element are provided on the step or in the cavity.
- 3-5. (Canceled)
6. (Previously Presented) The dielectric filter according to claim 1, wherein the dielectric block, the reactance element, and the circuit element are mounted onto a

circuit substrate, and the reactance element and the circuit element are electrically connected to the separated electrode via a circuit pattern provided on the circuit substrate.

7. (Original) The dielectric filter according to claim 1, wherein the separated electrode and the input and output terminal electrodes are provided so as to extend on at least two outer faces of the dielectric block.

8. (Original) The dielectric filter according to claim 1, wherein the separated electrode and the input and output terminal electrodes are provided at least on the under face of the dielectric block.

9. (Previously Presented) The dielectric filter according to claim 1, further including at least a second separated electrode, and the at least two separated electrodes are electrically connected to each other by a coupling adjust element.

10-13. (Canceled)

14. (Previously Presented) An antenna sharing device comprising a pair of filters, respective terminals of said filters being connected together, one of said filters being a dielectric filter according to claim 1.

15. (Previously Presented) A communication device comprising a high-frequency circuit comprising one of a transmitting circuit and a receiving circuit, said circuit including a dielectric filter according to claim 1.

16. (Previously Presented) A communication device comprising a high-frequency circuit comprising one of a transmitting circuit and a receiving circuit, said circuit being connected to a dielectric filter according to claim 1.

17. (Canceled)